

88
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the PATENT of:

Sezgin et al.
Patent No.: 6,947,402 *B2*
Issued: September 20, 2005
Appln. No.: 10/074,949
Filed: February 13, 2002
For: USER EQUIPMENT FOR CODE
GROUP SYNCHRONIZATION

Our File: I-2-0139.2US

Date: February 3, 2006

Certificate
FEB 09 2006
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION

Attn: Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

A Certificate of Correction under 35 U.S.C. §§ 254, 255 and 37 C.F.R. §§ 1.322, 1.323 is requested for U.S. Patent No. 6,947,402. Correction of the following errors is requested.

ON THE TITLE PAGE

At section (56), line 8, insert therefor --FOREIGN PATENT DOCUMENTS WO
9912273--.

02/07/2006 MWOLGE2 00000116 090435 6947402

01 FC:1811 100.00 DA

IN THE SPECIFICATION

88
FEB 09 2006

At column 2, line 1, after the words "of the", delete "Hadamarad" and insert therefor --Hadamard--.

At column 2, line 44, after the word "50", insert --,--.

At column 4, line 48, after the word "modulate", delete "SSCS" and insert therefor --SSCs--.

At column 4, line 51, after the word "of", delete "Hadamarak" and insert therefor --Hadamard--.

At column 4, line 52, after the word "The", delete "Hadamarak" and insert therefor --Hadamard--.

At column 4, line 63, after the word "of", delete "Hadamarak" and insert therefor --Hadamard--.

At column 5, line 22, after the word "32₁", insert --,--.

At column 7, line 10, before the word "is", delete "108_{2Q}" and insert therefor --108_{2M}--.

At column 7, line 58, after the word "code", insert --groups/two--.

At column 7, line 59, after the first instance of "SSCs", delete "128" and insert therefor --126--.

At column 7, line 59, after the third instance of "SSCs", delete "126" and insert therefor --128--.

At column 8, line 6, after the word "with", delete "aUE" and insert therefor
--a UE--.

At column 8, line 22, before the words "using BPSK", delete "114" and insert
therefor --112--.

At column 8, line 22, after the word "SSCs", delete "112" and insert therefore
--114--.

At column 8, line 26, after the word "lation", delete "112" and insert therefor
--114--.

At column 8, line 26, after the word "modulation", delete "114" and insert
therefor --112--.

At column 8, line 33, after the words "four PSCH time slots", delete "116" and
insert therefor --118--.

At column 8, line 33, after the words "eight PSCH time slots", delete "120" and
insert therefor --122--.

At column 8, line 34, after the word "slots", delete "118" and insert therefor
--116--.

At column 8, line 35, after the word "slots", delete "122" and insert therefor
--120--.

Patentee: Sezgin et al.
Patent No.: 6,947,402 *B2*

REMARKS

Attached with the certificate of correction is an IDS filed on February 13, 2002. Reference "AA" (WO 9912273) was not initialed by the Examiner. It is respectfully requested that the entire IDS be initialed and dated.

Patentees believe that the above errors are of such a nature as to justify the issuance of a Certificate of Correction. Patentees have enclosed a completed Certificate of Correction Form PTO/SB/44. Since at least one of the errors was caused by Applicant, please charge the surcharge fee of \$100 to the Deposit Account of InterDigital Communications Corporation, Deposit Account No. 09-0435.

Patentees respectfully request that the Certificate of Correction be issued.

Respectfully submitted,

Sezgin et al.

By *CFK*
C. Frederick Koenig III
Registration No. 29,662
(215) 568-6400

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

DPD/HV/djw
Enclosure

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

O I P TRANSMITTAL FORM <small>FEB 06 2006</small> <small>(to be used for all correspondence after initial filing)</small>		Patent Number	6,947,402 <i>B2</i>
		Issue Date	September 20, 2005
		First Named Inventor	Sezgin et al.
		Application Number	10/074,949
		Filing Date	February 13, 2002
		Attorney Docket Number	I-2-0139.2US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Request for Certificate of Correction, PTO/SB/44 Form and Copy of Previously Filed PTO-1449 Form
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	VOLPE AND KOENIG, P.C.		
Signature			
Printed name	C. Frederick Koenig III		
Date	February 3, 2006	Reg. No.	29,662

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Attn: Certificate of Corrections Branch on the date shown below:

Signature	
Typed or printed name	C. Frederick Koenig III
Date	February 3, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 1 of 4

PATENT NO. : 6,947,402 B2

APPLICATION NO.: 10/074,949

ISSUE DATE : February 13, 2002

INVENTOR(S) : Sezgin et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At section (56), line 8, insert therefor --FOREIGN PATENT DOCUMENTS WO 9912273--.

At column 1, line 64, after the word "256", delete "Hadamarad" and insert therefor --Hadamard--.

At column 2, line 1, after the words "of the", delete "Hadamarad" and insert therefor --Hadamard--.

At column 2, line 44, after the word "50", insert ----.

At column 4, line 48, after the word "modulate", delete "SSCS" and insert therefor --SSCs--.

At column 4, line 51, after the word "of", delete "Hadamarak" and insert therefor --Hadamard--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

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ISSUE DATE : February 13, 2002

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It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 4, line 52, after the word "The", delete "Hadamarak" and insert therefor --Hadamard--.

At column 4, line 63, after the word "of", delete "Hadamarak" and insert therefor --Hadamard--.

At column 5, line 22, after the word "32₁", insert --,--.

At column 7, line 10, before the word "is", delete "108_{2Q}" and insert therefor --108_{2M}--.

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At column 7, line 59, after the first instance of "SSCs", delete "128" and insert therefor --126--.

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CERTIFICATE OF CORRECTION

Page 3 of 4

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ISSUE DATE : February 13, 2002

INVENTOR(S) : Sezgin et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 7, line 59, after the third instance of "SSCs", delete "126" and insert

therefor --128--.

At column 8, line 6, after the word "with", delete "aUE" and insert therefor
 --a UE--.

At column 8, line 22, before the words "using BPSK", delete "114" and insert
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At column 8, line 26, after the word "lation", delete "112" and insert therefor
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At column 8, line 26, after the word "modulation", delete "114" and insert
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**UNITED STATES PATENT AND TRADEMARK OFFICE
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ISSUE DATE : February 13, 2002

INVENTOR(S) : Sezgin et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 8, line 33, after the words "four PSCH time slots", delete "116" and insert therefor --118--.

At column 8, line 33, after the words "eight PSCH time slots", delete "120" and insert therefor --122--.

At column 8, line 34, after the word "slots", delete "118" and insert therefor --116--.

At column 8, line 35, after the word "slots", delete "122" and insert therefor --120--.

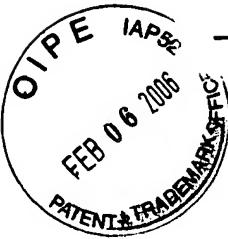
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FORM PTO-1449				ATTY. DOCKET NO. I-2-139.2US	SERIAL NO. Not Yet Known
				APPLICANT Sezgin et al.	
				FILING DATE Not Yet Known	GROUP Not Yet Known
				1107 U.S. PTO 10/074949 02/13/02	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS SUBCLASS FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AA*	W O 99 12 2 7 3	3/99	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AB*	TSG-RAN Working Group 1 (Radio) Meeting #3, "A New Hierarchical Correlation Sequence with Good Properties in Presence of a Frequency Error", Eskilstuna, Sweden, March 22-26, 1999.
AC*	Nadir Sezgin and Fatih Ozluktur, "BPSK Modulated Secondary Synchronization Codes for Cell Search in UTRA TDD", May 28, 2000.
AD*	TSG-RAN Working Group 1 Meeting #2, "Synchronization Channel with Cyclic Hierarchical Sequences", Yokohama, Japan, February 22-25, 1999.
AE*	ETSI SMG2 UMTS, Physical Layer Expert Group Meeting #2, "Comma Free Codes for Fast PN Code Acquisition in WCDMA Systems: A Proposal for the UTRA Concept", Paris, France, April 28, 1998.
AF*	InterDigital Communications Corporation, "QPSK Modulated Secondary Synchronization Codes (SSC) Algorithm", August 9, 1999.
AG*	3GPP TSG-RAN Working Group 1 Meeting #4, "Calculation of t_{offset} for Physical Synchronization Channel in TDD Mode", Shin Yokohama, April 18-20, 1999.
AH*	TSG-RAN Working Group 1 Meeting #5, "BPSK Modulated Secondary Synchronization Codes Based Cell Search in UTRA TDD", Cheju, South Korea, June 1-4, 1999.
AI*	European Telecommunications Standards Institute, "Universal Mobile Telecommunications System (UMTS); UMTS Terrestrial Radio Access (UTRA); Concept Evaluation", (UMTS 30.06 version 3.0.0), (1997)
AJ*	K. Higuchi, M. Sawahashi and F. Adachi, "Fast Cell Search Algorithm in DS-CDMA Mobile Radio Using Long Spreading Codes", (1997), pp. 1430-1434

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.